



## EMPLOYMENT COMPETENCY DECLARATION SPRINKLER AND FIRE PROTECTION INSTALLER – 427A

### Sprinkler and Fire Protection Installer

This form is used to provide evidence for periods of employment or self-employment. Applicants are asked to provide a copy of this form for **each period of employment** used to demonstrate the completion of the minimum number of hours required to challenge certification in this trade. The evidence provided on this form will be verified.

<b>A. Applicants Name</b> Full name			
<b>B. Form Completion Option</b>	Please check the option that describes the way this form will be used to submit work experience history. <b>Please check only one. If multiple work situations are used, a separate form must be submitted for every period of employment the applicant wishes to submit as evidence to support hours worked in the trade.</b>		
<input type="checkbox"/> Form completed by employer/supervisor describing employment and providing contact information for verification <input type="checkbox"/> Form completed by the applicant describing employment and providing contact information and a valid reason why an employer was not available to complete the form <input type="checkbox"/> Form completed by the applicant describing self-employment along with accompanying documentation providing evidence of having worked as a trades person such as contact names, material orders, business license etc. (see guidelines)			
<b>C. Employer/Supervisor Applicant Information</b>	Please provide contact information for the person who directly supervised the applicant during the employment period this form applies to. If the applicant was self-employed: please provide contact information for a client who can attest to the work completed during this period.		
Last Name	First Name		
Title	Organization / Employer Name		
Mailing Address			
Email address			
Day time phone number		Cell phone number	
What language does the employer/supervisor speak, read and write <input type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Other (please specify) _____			
Work History Information	Enter the dates, total hours worked, and nature of employment for the period this form applies to.		
From (yyyy/mm/dd)	To (yyyy/mm/dd)	Job Title	Total hours worked
Type of employment:	<input type="checkbox"/> Full time <input type="checkbox"/> Part time <input type="checkbox"/> Seasonal <input type="checkbox"/> Other		
Is there a letter on company letterhead attached?	<input type="checkbox"/> Yes <input type="checkbox"/> No		



## EMPLOYMENT COMPETENCY DECLARATION SPRINKLER AND FIRE PROTECTION INSTALLER – 427A

**EXAMPLE: Employer please rate each skill set (box) to the level of competency exhibited by the applicant.**

PROTECT SELF AND OTHERS		
1	2	3

**Please use this guide to rate the applicant's competency level for each skill set (box)**

- 1 – not aware if the applicant can perform skill set
- 2 – can perform skill set with supervision
- 3 - competent

Applicant's Name	Please Print
Employer or Representative's Name	Please Print
Qualification or College Member ID#	

<b>PROTECT SELF AND OTHERS</b>	Comply with acts, regulations, codes, standards, and directives	Utilize personal protective equipment	Maintain personal protective equipment	Maintain safe workplace	Control hazards and hazardous conditions, equipment and materials
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
	Manually move equipment, supplies, and components	Employ simple first aid relating to illness and occupational injury	Report injuries to supervisor and first- aid personnel	Respond to audio and visual alarms	Follow company and worksite fire emergency procedures
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
	Handle hazardous/toxic materials	Assess worksite conditions	Apply confined space and exit procedures	Perform lockout, tagging and hold-off procedures	Manage personal health
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3

<b>COMMUNICATE IN THE WORKPLACE</b>	Communicate orally	Communicate in writing	Communicate graphically	Communicate by computer	Communicate by mechanical and electronic devices
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
	Communicate by hand signals	Build and maintain interpersonal relationships	Practice customer relations (internal and external)	Present a professional image	Mentor co-workers
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3

I declare the above rating is consistent with the applicant's competencies.

Assessor's name: \_\_\_\_\_

Please print

Signature

**EMPLOYMENT COMPETENCY DECLARATION SPRINKLER AND FIRE PROTECTION INSTALLER – 427A**

<b>RIG, HOIST, LIFT, AND HANDLE MATERIALS</b>	Plan rig layout  1    2    3	Select rigging equipment and components  1    2    3	Utilize rigging equipment and components  1    2    3	Maintain rigging equipment and components  1    2    3	Disassemble rigging equipment and components  1    2    3
	Select hoisting and lifting equipment and components  1    2    3	Utilize hoisting and lifting equipment and components  1    2    3	Secure hoisting and lifting equipment and components  1    2    3	Maintain hoisting and lifting equipment and components  1    2    3	Disassemble hoisting and lifting equipment and components  1    2    3
	Calculate the weight of the load to be lifted  1    2    3	Coordinate loading and off-loading operations  1    2    3			
<b>PLAN AND PREPARE FOR INSTALLATIONS</b>	Obtain project drawings  1    2    3	Review project drawings  1    2    3	Correlate information from drawings  1    2    3	Assess job site conditions  1    2    3	Estimate material, labour, and equipment for projects  1    2    3
	Schedule projects  1    2    3	Prepare as-built drawings  1    2    3			
<b>DESIGN SYSTEMS</b>	Verify occupancy classification and design criteria  1    2    3	Verify water supply source  1    2    3	Verify system drawings  1    2    3	Calculate system hydraulic demand  1    2    3	Obtain approval of working plans and documentation  1    2    3
<b>FABRICATE FIRE PROTECTION SYSTEMS</b>	Identify fabrication area  1    2    3	Organize material for fabrication  1    2    3	Prepare piping and fittings for site installation  1    2    3	Fabricate hangers, brackets, and supports  1    2    3	

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<b>UTILIZE TOOLS AND EQUIPMENT</b>	Utilize hand tools and accessories	Utilize power tools and accessories	Utilize testing devices	Select scaffolds and accessories	Assemble scaffolds and accessories
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3
	Maintain scaffolds and accessories	Dismantle scaffolds and accessories	Utilize step and extension ladders		
	1    2    3	1    2    3	1    2    3		
<b>INSTALL WATER SUPPLY</b>	Determine site excavation location	Prepare site for excavation	Monitor excavation	Install private water supply	Connect to the water supply
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3
	Install underground piping and components	Install thrust blocks and restraining devices	Install hydrants and control valves	Complete installation of water supply	Supervise backfill operations
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3
<b>INSTALL FIRE PROTECTION SYSTEMS</b>	Install clean agent fire suppression system	Install high and low-pressure carbon dioxide systems	Install dry and wet chemical systems	Install standpipe and hose rack systems	Install wet systems
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3
	Install anti-freeze systems	Install dry systems	Install combination dry pipe and pre-action systems	Install pre-action systems	Install deluge systems
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3
	Install foam systems	Install water mist systems	Install detection systems		
	1    2    3	1    2    3	1    2    3		

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**EMPLOYMENT COMPETENCY DECLARATION SPRINKLER AND FIRE PROTECTION INSTALLER – 427A**

<b>INSTALL HEADERS, VALVES, AND TRIM</b>	Verify the underground water supply	Isolate water supply	Perform system bleed-off	Install check, control and drain valves	Install support and brace headers
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3

Test fire protection headers and components
1    2    3

<b>COMMISSION FIRE PROTECTION SYSTEMS</b>	Commission clean agent fire suppression systems	Commission high and low-pressure carbon dioxide systems	Commission dry and wet chemical systems	Commission standpipe and hose rack systems	Commission wet systems
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3

Commission anti-freeze systems	Commission dry systems	Commission combination dry pipe and pre-action systems	Commission pre-action systems	Commission deluge systems
1    2    3	1    2    3	1    2    3	1    2    3	1    2    3

Commission foam systems	Commission water mist systems	Commission detection systems
1    2    3	1    2    3	1    2    3

<b>INSTALL PUMPS, DRIVERS, AND CONTROLLERS</b>	Verify the water supply	Select fire pump assembly	Identify the location of the fire pump installation	Prepare site location for installation of the fire pump assembly	Install fire pump assembly
	1    2    3	1    2    3	1    2    3	1    2    3	1    2    3

Install controllers and auxiliary devices	Install fuel system for diesel drivers	Install jockey pumps	Commission fire pump assembly and auxiliary components
1    2    3	1    2    3	1    2    3	1    2    3

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**EMPLOYMENT COMPETENCY DECLARATION SPRINKLER AND FIRE PROTECTION INSTALLER – 427A**

<b>INSTALL AND MAINTAIN PORTABLE FIRE EXTINGUISHERS</b>	Select portable extinguishers	Install portable extinguishers	Perform scheduled inspections of extinguishers and components	Maintain extinguishers and components	
	1 2 3	1 2 3	1 2 3	1 2 3	
<b>INSPECT FIRE PROTECTION SYSTEMS</b>	Coordinate notification of authorities	Arm and disarm control panels on fire protection systems	Inspect clean agent fire suppression systems	Inspect high and low-pressure carbon dioxide systems	Inspect dry and wet chemical systems
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
	Inspect standpipe and hose rack systems	Inspect wet systems	Inspect anti-freeze systems	Inspect dry systems	Inspect combination dry pipe and pre-action systems
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
	Inspect pre-action systems	Inspect deluge systems	Inspect foam systems	Inspect water mist systems	Inspect fire pump assembly and auxiliary components
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
	Inspect water supplies and auxiliary components				
	1 2 3				
<b>TEST FIRE PROTECTION SYSTEMS</b>	Coordinate notification of authorities	Disable and enable fire alarm control and releasing panels	Test clean agent fire suppression systems	Test high and low-pressure carbon dioxide systems	Test dry and wet chemical systems
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
	Test standpipe and hose rack systems	Test wet systems	Test anti-freeze systems	Test dry systems	Test combination dry pipe and pre-action systems
	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3

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**EMPLOYMENT COMPETENCY DECLARATION SPRINKLER AND FIRE PROTECTION INSTALLER – 427A**

	Test pre-action systems  1    2    3	Test deluge systems  1    2    3	Test foam systems  1    2    3	Test water mist systems  1    2    3	Test fire pump assembly and auxiliary components  1    2    3
	Test water supplies and auxiliary components  1    2    3				
<b>MAINTAIN FIRE PROTECTION SYSTEMS</b>	Maintain clean agent fire suppression systems  1    2    3	Maintain high and low-pressure carbon dioxide systems  1    2    3	Maintain dry and wet chemical systems  1    2    3	Maintain standpipe and hose rack systems  1    2    3	Maintain wet systems  1    2    3
	Maintain anti-freeze systems  1    2    3	Maintain dry systems  1    2    3	Maintain combination dry pipe and pre-action systems  1    2    3	Maintain pre-action systems  1    2    3	Maintain deluge systems  1    2    3
	Maintain foam systems  1    2    3	Maintain mist systems  1    2    3	Maintain fire pump assembly and auxiliary components  1    2    3		

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